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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective on 12/08/2004. uant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Application Number 10/659,233 September 10, 2003 Filing Date Ronald J. Nachman et al. First Named Inventor For FY 2005 M. Borin **Examiner Name** 1631 Applicant claims small entity status. See 37 CFR 1.27 Art Unit 0165.03 Attorney Docket No. TOTAL AMOUNT OF PAYMENT (\$) 120.00 METHOD OF PAYMENT (check all that apply) □ None Other (please identify): _ ☐ Credit Card ☐ Money Order ☐ Check Deposit Account Name: USDA-ARS-OTT For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) ☐ Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card Under 37 CFR 1.16 and 1.17 information and authorization on PTO-2038. **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **EXAMINATION FEES** SEARCH FEES **FILING FEES Small Entity** Small Entity Small Entity Fees Paid (\$) Fee (\$) Fee (\$) Fee(\$) Fee (\$) Application Type Fee (\$) Fee (\$) 100 200 250 500 150 300 Utility 65 130 50 100 100 200 Design 80 160 150 300 100 200 Plant 300 600 250 500 150 300 Reissue 200.00 0 0 n 0 100 200 Provisional **Small Entity** 2. EXCESS CLAIM FEES Fee (\$) Fee (\$) 25 **Fee Description** 50 Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent 100 200 180 360 Multiple dependent claims Multiple Dependent Claims Fee Paid (\$) Fee (\$) Fee Paid (\$) Fxtra Claims Fee (\$) **Total Claims** - 20 or HP = HP = highest number of total claims paid for, if greater than 20 Fee (\$) Extra Claims Fee Paid (\$) ndep. Claims - 3 or HP = X HP = highest number of independent claims paid for, if greater than 3 If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) 3. APPLICATION SIZE FEE for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Fee Paid (\$) Number of each additional 50 or fraction thereof **Extra Sheets Total Sheets** = (round up to a whole number) x /50 = -100 =Fees Paid (\$) 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) \$120.00 1 month Extension Other: SUBMITTED BY Telephone: (309) 681-6515 Registration No. 34,078 (Attorney/Agent) Signature Date 05 Name (Print/Type) Randall E. Deck

This collection of information is required by 37 CFR 1,136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The information is required to obtain a public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,136. The